

PART N E T

Item #	User Story	Priority	Estimate	Sprint	Assigned To
1	As a person who has been prescribed a drug, I want to know the common reactions for a drug I have been prescribed so that I am prepared for possible complications.				
1.1	The system shall allow the user to choose a drug from a predefined list.	High	Small	1	Front End Web Developer
1.1.1	Define the list of drugs to be included in the drop down.	High	Small	1	End User
1.1.2	End to end tests need to be created to verify the functionality of predefined list of Drugs	High	Small	1	Front End Web Developer
	The system shall allow the user to put in the following information:				
	Age (range)				
	0-12				
	13-18				
	19-35				
	36-64				
	65+				
	Sex (radio button Male/Female)				
	Male				
	Female				
	Weight (range)				
	0-65				
	66-120				
	121-150				
	151-180				
	181-250				
1.2	250+	Medium	Medium	1	Front End Web Developer
	End to end tests needs to ensure the ranges defined in 1.2 are correct and deliver expected results				
1.2.1	The system shall display the possible adverse events in both a tabular and graphical view.	High	Medium	1	Front End Web Developer
1.3	Show a count of the top 10 reactions for the input, ordered by largest count.	High	Medium	1	Front End Web Developer
1.3.1		High	Medium	3	

1.3.2	End to end tests need to ensure the correct data is displayed for possible adverse events in both tabular and graphical views	High	Medium	3	Front End Web Developer
1.4	The system shall allow the user to click on a link in the tabular view to display relative outcomes related to the reaction.	Medium	Medium	3	
1.4.1	End to end tests need to ensure tabular data displays expected information	Medium	Small	3	Front End Web Developer
1.5	The system shall allow the user to click on the reaction in the graphical view to see the outcomes related to the reaction.	High	Large	2	
1.6	The system shall show the following outcomes: congenital anomaly, death, disabling, hospitalization, life-threatening	High	Medium	2	
1.7	The system shall display the following information about the drug for the constrained data set: - Top 10 Brand Names - Top 10 Generic Names - Indications - Display top 10 indications for the drug selected - Average Duration - average duration the drug was consumed before the event occurred with standard deviation - backend api.	Low	Large	3	
1.8	Use PRR or ROR to scale graphical representation - only available on backend api	N/A	Large		
1.8.1	Convert FAERS data to Elastic Search Index Data	High		1	Back End Web Developer
1.8.2	Create REST webservice	High		2	
1.8.3	Implement Elastic search queries to fulfill web service	High		3	
1.9	The tabular and graphical views will use the PRR/ROR data instead of the count data	N/A			
1.10	Display a toggle on the UI to show where the data is coming from	N/A	Medium	3	

BACKLOG

Adjust results based on weight or treatment duration changes to see how results change

As a person who has been prescribed a drug, I want to know the relative occurrence of seriousness per reaction so that I can understand the potential problems.

As a prescription drug user, I want to be able to find out if a new medication will have adverse reactions to medications I'm currently taking to help me make a decision about whether to take it.